

Amendments to the Specification:

Please amend the paragraph beginning at page 13, line 3, as follows:

a1 Ion exchange materials, such as inorganic and organic resins, membranes, powders, gels, and solutions are well known to those skilled in the art, and the type of ion exchange material used does not limit the invention. Examples of ion exchange materials are weak acid cation resins and powders, strong acid cation resins and powders, weak base anion resins and powders, strong base anion resins and powders, sulfonated polystyrene solutions, cation and anion selective membranes. Selection of a particular ion exchange material is considered within the skill of those knowledgeable in the field. Those skilled in the art will readily recognize that the present invention is directed to chemical ion exchange as opposed to electrical ion exchange carried out in an electric field, such as in an electrolytic reactor.